

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/04567

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(7) : H01B 1/22, 1/24; H05K 3/00 US CL : 252/511, 512, 514; 427/96, 125, 229 According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) U.S. : 252/511, 512, 514; 427/96, 125, 229  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,882,722 A (KYDD) 16 March 1999 (16.03.1999), Abstract, Column 2, Lines 19-48; Column 6, Line 61 to Column 7, Line 7; Column 7, Lines 52-56, Column 8, Lines 1-8; Column 9, Lines 25-29; Column 11, Line 40 to Column 12, line 19; Figure-6.	1-6 ----- 7-20
X	US 4,333,966 A (DEFFEYES et al) 08 June 1982 (08.06.1982), Abstract, Figures 1-4, Column 3, Lines 22-35; Column 5, Line 40 to Column 6, line 20.	1-6
Y	US 5,855,820 A (CHAN et al) 05 January 1999 (05.01.1999), Column 2, lines 8-11, Column 3, line 65 to Column 4, Line 15)	5-6
Y	US 6,372,158 B1 (HASHIMOTO et al) 16 April 2002 (16.04.2002), Figures 2a, 2b, 2c and 3A.	7-20
Y	US 6,114,413 A (KANG et al) 05 September 2000 (05.09.2000), Abstract, Column 1, Lines 40-43; Column 2, Lines 56-67; Column 3, Lines 49-57; Column 5, Lines 13-22.	7-20
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search 03 August 2005 (03.08.2005)		Date of mailing of the international search report 31 AUG 2005
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer Yogendra Gupta Telephone No. 571-272-1000 Jean Proctor Paralegal Spec